

Harold N. Moldenke

AVICENNIA ELLIPTICA var. MARTII Moldenke, var. nov.

Haec varietas a forma typica speciei foliis late ellipticis 7--13 cm. in toto longis 2--3.5 cm. latis as apicem basinque argute acutis vel acuminatis.

This variety differs from the typical form of the species in having its leaves more broadly elliptic, 7--13 cm. long (including the petiole), 2--3.5 cm. wide, and very sharply and conspicuously acute or acuminate at both apex and base.

The type of the variety was collected by Carl Friedrich Philipp von Martius "in sylvis ripariis ad ostia fluv. maritimorum in Provincia Paraënsi", in September (probably of 1820), Brazil, and is deposited in the herbarium of the Botanische Staatssammlung in Munich.

AVICENNIA GERMINANS var. CUMANENSIS (H.B.K.) Moldenke, comb. nov.

Avicennia tomentosa var. cumanensis H.B.K., Nov. Geb. & Sp. Pl., ed. folio, 2: 229--230. 1817.

LANTANA TRIFOLIA f. BREVIPES Moldenke, f. nov.

Haec forma a forma typica recedit petioliis brevissimis, laminis foliorum usque ad 16 cm. longis 6.5 cm. latis et inflorescentiis brevissimis in toto 1--1.5 cm. longis, pedunculis floriferis 5--10 mm. longis.

This form differs from the typical form of the species in apparently having its leaves decussate-opposite (or binary), the petioles practically obsolete, the blades broadly elliptic or oval-elliptic, to 16 cm. long and 6.5 cm. wide, and the inflorescences in anthesis very much abbreviated, 1--1.5 cm. long in all, the peduncles during anthesis only 5--10 mm. long.

The type of the variety was collected in a garden at Mergentheim, Germany, by Prince Paul, Duke of Würtemberg, and is deposited in the herbarium of the Botanische Staatssammlung in Munich.

PAEPALANTHUS KARSTENII var. MINIMUS Moldenke, var. nov.

Haec varietas a forma typica speciei recedit planta pusilla, foliis brevioribus, et inflorescentiis foliam brevioribus vel paulo excedentibus.

This variety differs from the typical form of the species in being a very dwarf unbranched plant, the leaves more uniformly shorter and narrower, and the inflorescences in anthesis and fruit shorter than the leaves or only slightly surpassing them.

The type of the variety was collected by Brother Aristé Joseph (no. A.73) at Laguna de Verjón, Cundinamarca, Colombia, on July 27, 1917, and is deposited in the United States National Herbarium at Washington.